

# AMAG ProWire Pre-Wired Power Systems

Precision factory wired for system power, lock control, communication, power system faults, and tamper switch. AMAG ProWire solutions are ready-to-install, simplifying and standardizing access installations across the enterprise.

[AMAG Overview](#) / [Wiring Guide](#) / [ProWire Family Guide](#) / [AMAG ProWire Benefits](#)



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Eight Door Wired	Enclosure	Outputs	WI
<b>System &amp; Lock Power   4A/12V and 4A/24V   150 Watts</b> Standard	<a href="#">FPO150-B100C8D8E4A /</a>	24H x 20W x 6.5D	8
Networked	<a href="#">FPO150-B100D8M8NL4E4A /</a>	24H x 20W x 6.5D	8 aux
Standard	<a href="#">FPO150-B100C8D8E6A /</a>	30H x 23W x 6.5D	8 aux
Networked	<a href="#">FPO150-B100D8M8NL4E6A /</a>	30H x 23W x 6.5D	8 aux

**Sixteen Door Wired**

**System & Lock Power | 12A/12V and 10A/24V | 400 Watts**

Standard

[FPO150/250-2C82D8E6A1 /](#)

30H x 23W x 6.5D

16 aux

Networked

[FPO150/250-2D82M8NL4E6A1 /](#)

30H x 23W x 6

.5D

16 aux / 16 managed

T / P

Standard

[FPO150/250-2C82D8E8A /](#)

36H x 30W x 6.5D

16 a

Networked

[FPO150/250-2D82M8NL4E8A /](#)

36H x 30W x 6.5D

16 a

**Rack Mount 8 Door Wired**

**System & Lock Power | 4A/12V and 4A/24V | 150 Watts**

Standard

[RGA150B-F8Z /](#)

R2U 19" Rack Drawer

8 egress

**System Power | 12A/12V or 6A/24V | 150 Watts**

Standard

[RGA150-D8Z /](#)

R2U 19" Rack Drawer

8 aux

Networked

[RGA150-D8NZ /](#)

R2U 19" Rack Drawer

8 aux

Wire Management: T = Tie Wrap P = Panduit style wire duct

See data sheet for AMAG wiring combinations

Standardized wiring eliminates the complexity, variability and time involved with field assembly and enables security installation companies to maintain a consistent quality standard across all access installations.

ProWire model numbers are pre-wired to Authentic AMAG terminal connectors for: System power, I  
 ck power, R

0

S-485 communication, Fault connections and tamper switch

AMAG wiring combinations: 8DBC/8DC, M4000

ProWire systems are joint LSP/AMAG UL/CUL listed, 100% factory tested and dressed with tie wrap or Panduit style wire duct cable management.

### Features

- Eight and sixteen door configurations, dual voltage
- Standard and networked options
- Twisted pair color coded cable harnesses
- Tie wrap cable management with wire duct option on larger enclosures
- Final assembly carries a joint LSP/AMAG UL294, ULC S319 agency listing
- 120VAC or 230VAC options available (see datasheet for 230VAC ordering)

[/tab] [tab title="Overview"]

## PRODUCT HIGHLIGHTS

LSP ProWire systems achieve the highest level of integration for access power by delivering

a pre-configured, pre-wired UL certified system.

### Features

- Removable back plate simplifies job installation
- LSP power modules pre-wired
- Access controller terminal connections pre-wired
- Access panels mount on supplied threaded standoffs

### Mechanical refinements

- Large enclosure depths to accommodate batteries
- 19 Gauge steel with textured black finish
- Board mounting hardware provided
- Lock and tamper switch standard

### Reliability and Safety

- Lifetime Warranty
- RoHS Compliant

### Agency Listings

- UL 294, ULC S318
- CE

### [Product Warranty](#)

[/tab] [tab title="Technical Documents"]

AMAG ProWire Systems

Models	Datasheet	Install Manual	CAD P
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Eight Door	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
Sixteen Door	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
Rack Mount Eight Door Enclosures	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	<a href="#">AG</a>
E4A	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>	

[AG](#)

E6A	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>
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[AG](#)

E6A1	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>
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[AG](#)

E8A	<a href="#">DS</a>	<a href="#">IM</a>	<a href="#">CAD</a>
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[AG](#)

[/tab] [tab title="Support"]

Troubleshooting Guide

[FPO Troubleshooting](#)

[Accessory Troubleshooting](#)

Factory Contact

[Email Customer Service](#)

[Email Technical Department](#)

Business Contact

[Accounting Office](#)

[Area Sales](#)

[Representatives](#)

[/tab] [tab title="Tools & Software"] **Tools & Software**

Excel spreadsheets designed by the LifeSafety Power technical department to aid the installer in required calculations and example configurations of LifeSafety Power equipment when used in commonly found system applications.

Calculators / Software

[B100 Power Calculator](#)

[PowerCom-USB Download](#)

[Ohms Law Calculator](#)

[Battery Size Calculator](#)

[Battery Capacity Calculator](#)

[Wire Size Calculator](#)

[Voltage Drop Calculator](#)

[FlexCalculator Suite](#)

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Application Notes

[AN26\\_Distribution options](#)

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